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## AMENDMENTS TO THE SPECIFICATION

On page 4, in the Summary of the Invention, please delete lines 2-10, and substitute the following:

The present invention is generally directed to a method of making ddI by contacting ddA with an enzyme having ddA deaminase activity, which is immobilized on an insoluble support. The present invention provides a method of making ddI including the steps of: (a) obtaining an enzyme expressing ddA deaminase activity; (b) immobilizing the enzyme onto an insoluble support; (c) contacting the enzyme with a ddA solution of at least about 1% weight volume ddA in water for a time and under conditions to produce a ddI solution; and (d) isolating the ddI from the ddI solution. Optionally, the resulting ddI mother liquor is reused in subsequent runs to improve yield.

Amendments to the above paragraph are shown below:

The present invention is generally directed to a method of making ddI by contacting ddA with an enzyme having ddA deaminase activity, which is immobilized on an insoluble support. The present invention provides a method of making ddI ~~didanosine (ddI)~~ including the steps of: (a) obtaining an enzyme expressing ddA deaminase activity; (b) immobilizing the enzyme onto an insoluble support; (c) contacting the enzyme with a ddA ~~dideoxyadenosine (ddA)~~ solution of at least about 1% ~~4%~~ weight volume ddA in water for a time and under conditions to produce a ddI solution; and (d) isolating the ddI from the ddI solution. Optionally, the resulting ddI mother liquor is reused in subsequent runs to improve yield.